

## *Bucephala islandica* (Barrow's Goldeneye)

### Priority 1 Species of Greatest Conservation Need (SGCN)

**Class:** Aves (Birds)

**Order:** Anseriformes (Waterfowl)

**Family:** Anatidae (Waterfowl)

#### General comments:

Low population (estimated < 250), no population trend, high site fidelity for wintering.

#### Species Conservation Range Maps for Barrow's Goldeneye:

Town Map: [Bucephala islandica\\_Towns.pdf](#)

Subwatershed Map: [Bucephala islandica\\_HUC12.pdf](#)

#### SGCN Priority Ranking - Designation Criteria:

##### Risk of Extirpation:

Maine Status: Threatened

**State Special Concern or NMFS Species of Concern: NA**

**Recent Significant Declines: NA**

##### Regional Endemic:

*Bucephala islandica*'s global geographic range is at least 90% contained within the area defined by USFWS Region 5, the Canadian Maritime Provinces, and southeastern Quebec (south of the St. Lawrence River).

Notes: Eastern wintering population: Eadie, J.M., J.-P. Savard. and M. L. Mallory. 2000. Barrow's Goldeneye (*Bucephala islandica*). In *The Birds of North America*, No. 548 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.

**High Regional Conservation Priority: NA**

**High Climate Change Vulnerability: NA**

**Understudied rare taxa: NA**

**Historical: NA**

**Culturally Significant: NA**

#### Habitats Assigned to Barrow's Goldeneye:

##### Formation Name      Freshwater Aquatic

Macrogroup Name      Rivers and Streams

Habitat System Name: Large River

##### Formation Name      Intertidal

Macrogroup Name      Intertidal Bedrock

Habitat System Name: Low-Intertidal

Habitat System Name: Mid-Intertidal

Macrogroup Name      Intertidal Gravel Shore

Habitat System Name: High Intertidal

Habitat System Name: Mid-Intertidal

Macrogroup Name      Intertidal Mollusc Reefs

Habitat System Name: Mussel Reef

Macrogroup Name      Intertidal Mudflat

Habitat System Name: Non-Vascular Mudflat

Macrogroup Name      Intertidal Water Column

Habitat System Name: Confined Channel

## *Bucephala islandica* (Barrow's Goldeneye)

### Priority 1 Species of Greatest Conservation Need (SGCN)

Class: Aves (Birds)

Order: Anseriformes (Waterfowl)

Family: Anatidae (Waterfowl)

**Formation Name Intertidal**

Habitat System Name: Exposed Shore

**Formation Name Subtidal**

Macrogroup Name Subtidal Bedrock Bottom

Habitat System Name: Bedrock

Habitat System Name: Kelp Bed

Macrogroup Name Subtidal Coarse Gravel Bottom

Habitat System Name: Coarse Gravel

Habitat System Name: Kelp Bed

Macrogroup Name Subtidal Mollusc Reefs

Habitat System Name: Mussel Reef

Macrogroup Name Subtidal Mud Bottom

Habitat System Name: Submerged Aquatic Vegetation

Habitat System Name: Unvegetated

Macrogroup Name Subtidal Pelagic (Water Column)

Habitat System Name: Confined Channel

Habitat System Name: Nearshore

Habitat System Name: Upwelling Zones

**Stressors Assigned to Barrow's Goldeneye:**

Stressor Priority Level based on Severity and Actionability		Moderate Severity	High Severity
	Highly Actionable	Medium-High	High
	Moderately Actionable	Medium	Medium-High
	Actionable with Difficulty	Low	Low

**IUCN Level 1 Threat Biological Resource Use****IUCN Level 2 Threat:** Hunting and Collecting Terrestrial Animals**Severity:** Moderate Severity**Actionability:** Moderately actionable**Notes:** Misidentification by hunters**IUCN Level 1 Threat Pollution****IUCN Level 2 Threat:** Industrial and Military Effluents**Severity:** Moderate Severity**Actionability:** Moderately actionable**Notes:** Oil Spills in hotspot locations could be detrimental to the wintering population**Species Level Conservation Actions Assigned to Barrow's Goldeneye:**

None. *Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

**Guild Level Conservation Actions:**

This Species is currently not attributed to a guild.

**Broad Taxonomic Group Conservation Actions:**

***Bucephala islandica* (Barrow's Goldeneye)**  
**Priority 1 Species of Greatest Conservation Need (SGCN)**

**Class:** Aves (Birds)

**Order:** Anseriformes (Waterfowl)

**Family:** Anatidae (Waterfowl)

Relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

### **Habitat Based Conservation Actions:**

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*